

Special Issue

New Frontiers in Molecular Mechanisms and Therapies in Neurological Diseases

Message from the Guest Editor

As you are aware, neurological diseases exert a major societal and financial burden worldwide and remain a major cause of disability. With population expansion and greater life expectancies, the overall burden of neurological diseases is increasing. Promising strides have been made in solving the jigsaw puzzle of the molecular mechanisms on many of them providing insights into the etiopathology of the diseases, how the disease progresses, etc. This knowledge furthers our overarching goal of how to best tackle the disease pathogenesis producing symptom alleviation or in best case scenario, the magic word, a cure. This special issue focuses on new and fast developing knowledge base about the disease mechanisms and therapeutic approaches for neurological diseases. Key words:

- neurological diseases
- neurodegeneration
- pathophysiology
- therapeutics
- animal models
- molecular mechanisms
- drug development
- mitochondria
- biomarker
- posttranslational modification
- transcription factors

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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